

GPH = **766.4** CDL = **5.979**

BOAT

Class **CONRAD 25T**
Designer **Doug Peterson**
Builder **Conrad**
Age Date **01/1982**
Series Date **01/1976**
Offset File **C25_ST.OFF**

HULL

Length Overall **7.650 m**
Maximum Beam **2.756 m**
Draft **1.539 m**
Displacement **1,700 kg**
DLR **7.2951**
IMS Division **Performance**
Dynamic Allowance **0.368%**
Age Allowance **0.487%**

PROPELLER

Installation **No Propeller**
Type **N/A**
Diameter **N/A**

CREW

Maximum weight **350 kg**
Minimum weight **263 kg** * when applied
Non Manual Power
Crew Arm Extension

SAIL AREAS (m²)

	Measured	Rated
Mainsail	11.28	11.45
Headsail Luffed	17.73	17.73
Headsail Flying		
Symmetric	36.08	36.08
Asymmetric		

SAIL LIMITATIONS

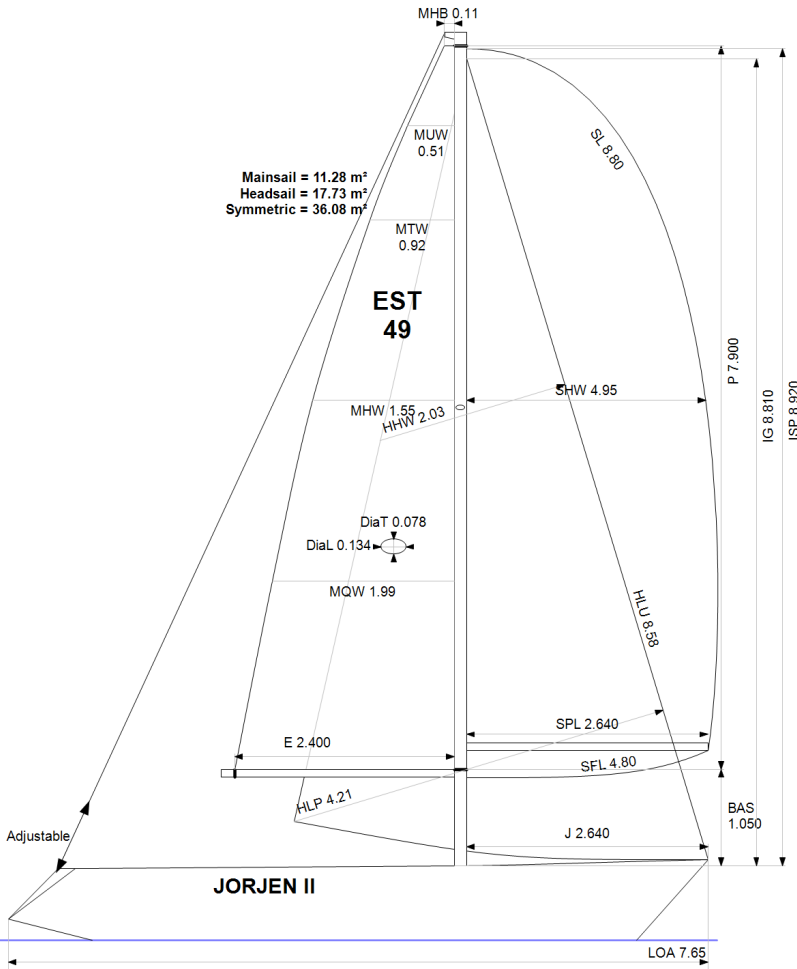
Headsails **5**
Spinnakers **4**

STABILITY

Righting Moment **38.0 kg·m**
Stability Index **N/A**

OWNER

The owner certifies that he/she understands his/her responsibilities under ORC Rule and Regulations.



Rated boat velocities in knots

Wind Velocity	6 kt	8 kt	10 kt	12 kt	14 kt	16 kt	20 kt
Beat Angles	42.0°	41.6°	41.4°	39.4°	37.5°	37.1°	37.9°
Beat VMG	2.79	3.31	3.74	4.07	4.30	4.39	4.38
52°	4.22	4.99	5.50	5.76	5.94	6.07	6.14
60°	4.43	5.23	5.66	5.90	6.08	6.24	6.38
75°	4.59	5.38	5.78	6.02	6.23	6.43	6.76
90°	4.52	5.43	5.91	6.21	6.47	6.64	6.92
110°	4.57	5.50	5.97	6.31	6.65	6.97	7.48
120°	4.44	5.38	5.90	6.24	6.58	6.93	7.59
135°	4.04	4.96	5.66	6.03	6.35	6.68	7.36
150°	3.49	4.38	5.15	5.72	6.05	6.34	6.96
Run VMG	3.03	3.79	4.48	5.12	5.64	5.97	6.54
Gybe Angles	148.5°	152.0°	153.0°	170.0°	180.0°	180.0°	180.0°

Time Allowances in secs/NM							
Wind Velocity	6 kt	8 kt	10 kt	12 kt	14 kt	16 kt	20 kt
Beat VMG	1291.9	1086.1	962.4	883.9	837.9	820.2	821.7
52°	853.9	721.3	654.9	624.8	606.2	593.6	586.7
60°	812.6	688.5	635.8	610.6	592.3	577.3	564.0
75°	784.7	669.2	622.4	598.0	577.9	559.5	532.9
90°	795.8	663.4	609.1	579.3	556.1	541.9	520.0
110°	787.5	654.5	603.2	571.0	541.5	516.3	481.5
120°	810.7	668.8	610.5	577.3	546.9	519.6	474.4
135°	890.5	726.2	635.9	597.1	567.2	538.8	489.2
150°	1030.2	822.7	698.7	629.2	595.4	567.9	517.4
Run VMG	1189.5	948.7	802.7	703.4	638.4	602.7	550.2
Selected Courses							
Windward / Leeward	1240.7	1017.4	882.5	793.7	738.1	711.5	686.0
All purpose	965.6	799.4	710.8	658.6	623.4	602.2	576.1

Single Number Scoring Options		
Course	Time On Distance	Time On Time
Windward / Leeward	831.5	0.7216
All purpose	681.7	0.8802

Custom scoring options for Estonia

Single Number	Time On Distance	Time On Time
Coastal/Long Distance	742.1	0.8085
Triple Number Coastal/Long Distance Low	882.5	0.6799
Triple Number Coastal/Long Distance Medium	679.0	0.8837
Triple Number Coastal/Long Distance High	597.7	1.0038
Triple Number Windward/Leeward Low	1129.1	0.5314
Triple Number Windward/Leeward Medium	828.0	0.7246
Triple Number Windward/Leeward High	708.5	0.8468

Performance Curve	6 kt	8 kt	10 kt	12 kt	14 kt	16 kt	20 kt
Coastal/Long Distance	1235.6	956.1	797.8	701.2	647.5	610.1	552.5

